

# Research (RSCH) Courses

## **RSCH2050 Workshop in Acquiring Social Research Skills**

This course explores the concepts, steps and skills required for conducting research grounded in the scientific method. The emphasis of this course is on acquiring research skills through practice-based learning. Students attain an understanding of the roles and approaches that distinguish quantitative and qualitative research methods. Students explore how the goals of science accord with the methodological choices available within qualitative and quantitative research design options. Students learn how to plan and write a research project prospectus, and how to select and interpret data. The course provides students with the required knowledge to conduct and evaluate basic research in an array of disciplines, including Global Studies, Health Studies and the Social Sciences. Students acquire a working understanding of the analytical approaches necessary for evaluating the validity and credibility of primary and secondary research, learning also to use and interpret statistics in specific applied contexts. Students explore the meanings of being a responsible consumer of science and how this matters to the safety and well-being of the public sector. Students investigate vital concerns regarding the protection of research participants. This includes identifying and engaging current professional ethical norms and practices for developing, implementing and evaluating research designs as well as protocols and methodological choices made by researchers. Students develop an appreciation for the ethics codes established by a variety of professional organizations, including the American Psychological Association, the American Counseling Association, and the American Sociological Association. Students practice APA documentation and explore the components of journal articles as well as the significance of the peer review process. Students gain appreciation for understanding how research and society are vitally linked, while grasping the importance of the role of public scrutiny in research. How research is funded, published and disseminated is examined.

Prerequisite(s): MATH2001 or MATH2010, PSYC1001 or SOC1001 or SOC2005, sophomore status. (OL)

Offered at Denver, Online, Providence, Providence CE

4.5 Quarter Credit Hours

## **RSCH3020 Honors Research Seminar**

This course prepares honors students to conduct the necessary research to successfully complete the honors thesis requirements for graduation from the Honors Program. Students evaluate a variety of research methods, engage in exercises in working with primary and secondary sources, and review appropriate documentation forms. The professor guides students in their choice of feasible research projects and serves as the major adviser during the development of an honors thesis prospectus. Students complete the honors thesis in RSCH4020 Honors Directed Academic Experience.

Prerequisite(s): ENG1024 or English placement, sophomore status, honors status.

Offered at Charlotte, Denver, North Miami, Providence

4.5 Quarter Credit Hours

## **RSCH3100 Experimental Design in the Social and Behavioral Sciences**

This course is focused on the various quantitative research methodologies that can be utilized to conduct and interpret scientific research in the social and behavioral sciences. In addition to advanced research design and corresponding statistical techniques (e.g., ANOVA, MANOVA, Structural Equation Modeling, Meta-Analysis), students will explore complex ethical, socio-cultural, and geo-political issues that impact the design, interpretation, and use of scientific results.

Prerequisite(s): MATH2002, RSCH2050. (OL)

Offered at Denver, Online, Providence, Providence CE

4.5 Quarter Credit Hours

## **RSCH3200 Qualitative Inquiry**

This course focuses on the various qualitative research methodologies that can be utilized to conduct and interpret scientific research in the social and behavioral sciences. In addition to advanced research design and corresponding statistical techniques (e.g., ethnography, case study, narratives, instrument design, textual data coding and analysis), students explore complex ethical, socio-cultural and geopolitical issues that impact the design, interpretation and use of scientific results.

Prerequisite(s): MATH2001, RSCH2050. (OL)

Offered at Denver, Online, Providence, Providence CE

4.5 Quarter Credit Hours

## **RSCH3300 Community Action Research**

Through identifying real world research questions and corresponding community agents, students will design and propose a community action research project. This course focuses on hypothesis generation, comprehensive literature review and the utilization of both quantitative and qualitative research methodologies to prepare students to execute the proposal in RSCH4400: Integrative Applied Research Seminar.

Communication skills in the discipline are emphasized including oral and written presentations to faculty, class, and community.

Prerequisite(s): RSCH3100, RSCH3200. (OL)

Offered at Denver, Online, Providence, Providence CE

4.5 Quarter Credit Hours

## **RSCH4020 Honors Directed Academic Experience**

The Honors Directed Academic Experience offers honors students the opportunity to develop and complete a capstone project begun in the Honors Research Seminar (RSCH3020). This project is completed under the direct supervision of an individual faculty mentor appropriate to the specialized field of research or other work undertaken by the student. Though students submit portions of the project to the faculty mentor at regular intervals, students are expected to devote a substantial amount of time to research, writing and other appropriate forms of independent engagement with their chosen subject.

Prerequisite(s): RSCH3020, honors status.

Offered at Charlotte, Denver, North Miami, Providence

4.5 Quarter Credit Hours

## **RSCH4050 Research Seminar in Psychology**

This capstone course is designed to complete the major program of study by integrating the student's prior academic experiences in psychology. A seminar format is used to encourage student participation and interaction with peers and faculty. Each participant chooses a topic within their area of interest.

The topic is explored through individual research, periodic presentations and discussion. Discussion focuses on both substantive and methodological concerns as well as interconnections among areas of study.

Prerequisite(s): RSCH2050, senior status. (OL)

Offered at Denver, Online, Providence, Providence CE

4.5 Quarter Credit Hours

## **RSCH4400 Integrative Applied Research Seminar**

A capstone experience in the Applied Research minor, this course will have students conduct the research study proposed in RSCH 3300, including data collection, analysis and interpretation of findings. Students will be required to share applied implications of findings with the community agents impacted, as well as preparing a formal professional conference and/or journal submission. Advanced case studies will be used throughout the course to integrate previously learned applied research and statistical analyses content to promote scientific reasoning and critical thought.

Prerequisite(s): RSCH3300. (OL)

Offered at Denver, Online, Providence, Providence CE

4.5 Quarter Credit Hours

## **RSCH5700 Research and Inquiry**

This course enables graduate students to develop problem-solving, critical thinking and quality decision-making skills that are important for professionals in all industries. Students evaluate research methodologies and develop techniques in critical thinking to improve their understanding and evaluation of industry information. The course examines the research process from preliminary data-gathering techniques to problem identification and hypothesis development. Students review pertinent data and literature as secondary sources, critique published materials and focus on the nature of primary, empirical research and the elements of research design. Particular attention is given to the student's perspective of the applicability of research to his/her career endeavors. (HY) (OL)

Offered at Denver, North Miami, Online, Providence

3 Semester Credits

**RSCH6100 Research and Theories in Addiction Counseling**

This course builds on previously acquired knowledge about research methods in the field of counseling. Emphasis is placed on critically examining research and research instruments, with an overall goal of developing the skills necessary to design a research study, and collect and analyze data. Students are prepared to use data to assess and improve performance in their chosen field, especially as it relates to addiction counseling.

Offered at Denver, Providence

3 Semester Credits

**RSCH6150 Research and Theories in Mental Health Counseling**

This course builds on previously acquired knowledge about research methods in the field of counseling. Emphasis is placed on critically examining research and research instruments, with an overall goal of developing the skills necessary to design a research study, and collect and analyze data. Students are prepared to use data to assess and improve performance in their chosen field, especially as it relates to mental health counseling.

Offered at Denver, Providence

3 Semester Credits